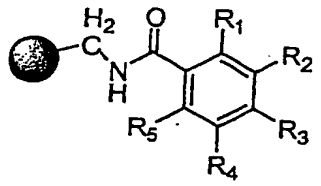
WHAT IS CLAIMED IS:

1. Nitrophenol resins on a support selected from compounds of the following formula:



wherein one of R_1, R_2, R_3, R_4, and R_5 is OH;

at least one of R_1, R_2, R_3, R_4, and R_5 is NO_2;

the R_1, R_2, R_3, R_4 and R_5 that are not OH or NO_2 are selected from the group consisting of hydrogen, substituted and unsubstituted alkyl groups, and substituted and unsubstituted aryl groups; and

● is a solid support.

2. The nitrophenol resin according to claim 1 wherein the solid support is selected from the group consisting of polystyrene, Tantagel, polyethylene glycol dimethacrylamide copolymers, macroporous resins, and silica gel.

3. A method for synthesizing nitrophenol resins comprising forming amide bonds between hydroxynitrobenzoic acids and an amino-alkyl polymer support.

4. The method according to claim 3 wherein the

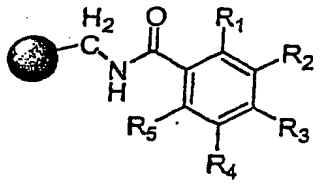
coupling scheme is 1,3-diisopropylcarbodiimide-1-hydroxybenzotriazole and 1-hydroxybenxotriazole.

5. The method according to claim 3 wherein the coupling occurs in a solvent selected from the group consisting of N,N-dimethyl formamide, 1-methyl-2pyrrolidinome tetrahydrofurene, and methylene chloride.

6. A method for synthesizing nitrophenol resins comprising hydrolyzing chlorobenzene.

7. The method according to claim 6 wherein an alkylamino resin is coupled with 4-chloro-3-nitrobenzoic acid.

8. A method for preparing carboxyl ester resins comprising reacting an acyl halide with a nitrophenol resin on a support selected from compounds of the following formula:



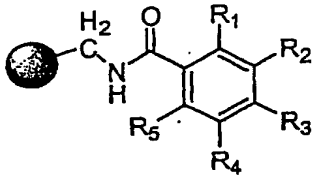
wherein one of R_1, R_2, R_3, R_4 and R_5 is OH;

at least one of R_1, R_2, R_3, R_4 and R_5 is NO_2;

the R_1, R_2, R_3, R_4 and R_5 that are not OH or NO_2 are selected from the group consisting of hydrogen, substituted and unsubstituted alkyl groups, and substituted and unsubstituted aryl groups; and

● is a solid support.

9. A method for preparing sulfonyl ester resins comprising reacting a sulfonyl halide with a nitrophenol resin on a support selected from compounds of the following formula:



wherein one of R_1, R_2, R_3, R_4 and R_5 is OH;

at least one of R_1, R_2, R_3, R_4 and R_5 is NO_2;

the R_1, R_2, R_3, R_4 and R_5 that are not OH or NO_2 are selected from the group consisting of hydrogen, substituted and unsubstituted alkyl groups, and substituted and unsubstituted aryl groups; and

● is a solid support.

10. A method for preparing amides comprising reacting an amine with a carboxyl ester resin produced according to claim 8.

11. The method according to claim 10 wherein the amine is selected from the group consisting of 1-cyclohexylpiperazine, 1-(2-pyridyl)piperazine, dimethylamine, 6-amino-1-hexanol, (S)-(+)-leucinol, n-butylamine,